

SCHEDULE-VI

Decision on EIA

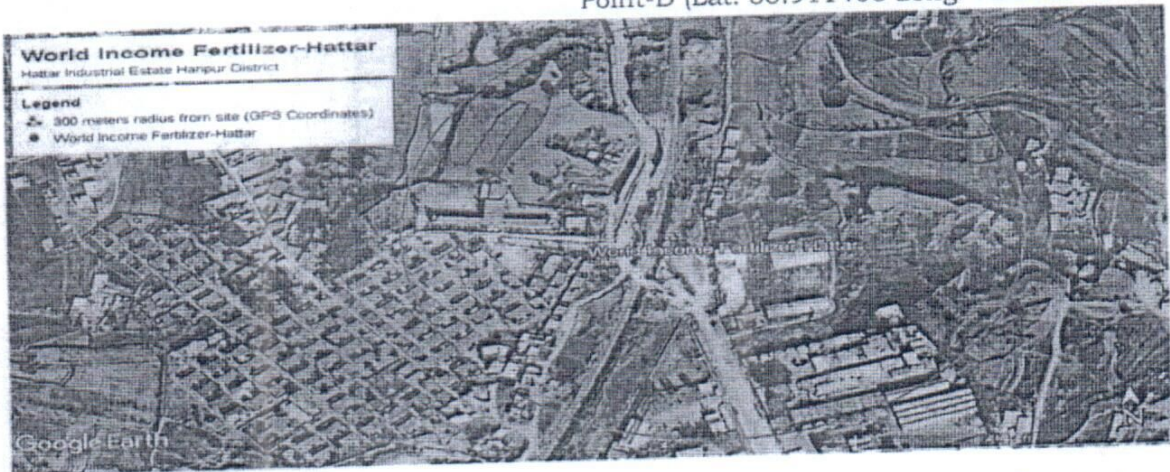
1. **Name, address of proponent:** Mr. Bakht-I-Rawan,
World Income Fertilizer,
Plot No.1, Industrial Estate,
Hattar, District Haripur.
Contact No. 0300-5854967

2. **Description of project.** M/S World Income proposes to establish a phosphate fertilizer manufacturing unit at Plot No1, Industrial Estate, Hattar. The total area of the plot is 03 acres. The manufacturing process in the said industry will include mixing of ground phosphate rock with diluted sulfuric acid followed several drying and granulation processes. The production capacity of the unit will be 600 bags per month, each bag containing 50 KG of Fertilizer Product. The total production capacity of the unit will be 30,000 KG of phosphate fertilizer per month. The total estimated cost of the project will be 04 Million PKR.

3. **Location of project.** Hattar Industrial Estate, District Haripur.

4. **Date of filing of EIA.** 27-07-2020
(Ref. EPA Diary No. 149)

5. **GPS Coordinates (provided by visiting official)**
Point-A (Lat: 33.911365 Long: 72.861508)
Point-B (Lat: 33.911093 Long: 72.861547)
Point-C (Lat: 33.911246 Long: 72.861812)
Point-D (Lat: 33.911465 Long: 72.861902)



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6. The Environmental Impact Assessment (EIA) Report of World Income Fertilizer (Pvt.) Ltd. Industrial Estate Hattar, District Haripur was received to this Agency for Review & Environmental Approval. Brief chronology is as under;

- i. The EIA Report was received on 27/07/2020.
- ii. Presentation of the EIA Report conducted on 09/09/2020.
- iii. Presentation issues/observations conveyed on 21/09/2020.
- iv. Reminder for presentation observations issued on 13/10/2020.
- v. Reply of the observations received on 19/10/2020 which was evaluated & un-satisfactory observations conveyed on 09/11/2020.
- vi. Reminder for un-satisfactory reply of observations conveyed on 20/11/2020.
- vii. Public Hearing conducted on 23/12/2020.
- viii. Issues/observations of the Public Hearing conveyed on 11-01-2021.
- ix. Reply of the Public Hearing issues received on 13/01/2021.
- x. 2nd Reminder of the presentation un-satisfactory issues conveyed on 22/01/2021.
- xi. Presentation un-satisfactory issues reply received on 28-01-2021.
- xii. Letter issued for provision of complete Pollution Control System on 04/02/2021.
- xiii. Reply of the Pollution Control System received to EPA on 17/02/2021.
- xiv. Detail visit of the project site conducted on 26/05/2021.
- xv. Detail GIS Map of the project site prepared on 25/06/2021.
- xvi. Plot agreement received on 30/07/2021.

7. The Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa after careful review has decided to accord approval of the EIA Report in line with Khyber Pakhtunkhwa Environmental Protection Act, 2014 and the IEE/EIA Regulations, 2000, subject to the following terms & conditions:-

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- a) The proponent shall adopt all precautionary and mitigation measures identified in the EIA Report, replies submitted as well as any un-anticipated impacts during the construction and operation phases of project.
- b) The unit must comply with the National Environmental Quality Standards (NEQS) for stack emission and effluents.
- c) Proper dust/air emission control system shall be installed as committed in the submitted EIA Report/reply submitted dated 19/10/2020, 17/02/2021 and will bring the emission within the NEQS limits.
- d) Certification/Approval from Agriculture Research/Extension Department regarding the proposed project product shall be submitted to this Agency before commencement of physical work.
- e) The management shall submit Environmental Monitoring Reports/ Laboratory Analysis Report from EPA KP Certified laboratory to this Agency. The Environmental Monitoring Report (EMR) shall comprise of Liquid Discharge Monitoring Report, Gaseous Emission Report and cover sheet. The EMR shall be submitted on monthly basis in the light of SMART Rules, 2001.
- f) The laboratory analysis report of the final product shall be submitted to this Agency in operational phase of the project. The Analysis shall identify heavy metal (especially Nickel, Mercury and Cadmium) contents detail in the final product.
- g) The project machinery installation shall be kept away from the nearby residential area. A 20 feet buffer zone shall be developed towards structure/vacant houses and plantation must be carried out of Chinar Plants not less than 10 feet. Furthermore, a distance of 12 feet plant to plant distance shall be maintained.
- h) No vent shall be left open in the treatment room and no ID Fan shall be installed as it will affect the scrubbing system.
- i) Sulphur Dioxide (SO₂) sensor must be installed at the scrubber vent exhaust for online monitoring and access of the same shall be provided to this Agency.

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- j) Effluent shall not be discharge directly outside of the unit without prior treatment. The Used effluents shall be re-used for maximum time. Furthermore, water flow meter shall be installed and record of water usage shall be properly maintained. Water Bodies, Streams, Khwar etc. shall be protected from polluted effluents as well as waste material of the unit.
- k) The Power Generators shall be properly enclosed in Canopy to avoid noise pollution and emission/noise level of the generator shall be kept within the NEQS limits. The same must not be installed towards the vacant houses/structures.
- l) Separate areas shall be designated/specified for raw material and Products.
- m) Stock/Inventory registers for all the raw materials & by products shall be maintained.
- n) Proper enclosed vehicles shall be used in transport of the fertilizer.
- o) Safety and Emergency measures shall be adopted in the premises of the project area e.g. emergency exits, fire extinguisher etc.
- p) Personal Protective Equipments (PPEs) shall be provided to all workers to ensure health and safety with direction to use during working hours and inventory registers shall be maintained for ready reference.
- q) Any change in the project design or extension shall be communicated to this Agency for approval.
- r) Non-technical jobs must be provided to the surrounding villages. In technical jobs, preference shall be given to the locals.
- s) A green belt must be developed along the boundary wall, available spaces & in front of the unit with the plantation of Chinar plants and the plants size must not be less than 10 feet.
- t) Signboards must be installed on which the names of all the chemicals and precautionary measures are being written.
- u) Chemicals must be kept in a safe place where signboards must be installed.
- v) Copy of agreement regarding number/name of chemical and quantity from where these are purchased shall be shared with this Agency.

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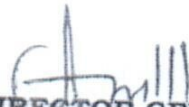
- w) Empty chemical's containers/bags/bottles and expired chemicals must not be thrown outside the boundary wall of the unit.
- x) The proponent should make a measuring port (2x2 inch diameter) in stacks (if any) for the monitoring of stack emission in future. Safe access support shall be provided to the Monitoring Staff of the Agency for stack sampling.
- y) Proper covered area (Hall) shall be constructed and mitigation measures shall be adopted for Sulfuric Acid storage in order to avoid any untoward situation.
- z) Proper arrangement needs to be made for the control of dust and fumes being generated from sulfuric acid.
- aa) A comprehensive fire extinguishing system shall be installed in the unit.
- bb) All complaints regarding fumes and dust shall be addressed.
- cc) This Agency shall suggest any additional mitigation measures/updated technology for the control of Environmental Pollution at any stage (construction & operational phase) of the project.
7. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
8. The proponent shall be liable for compliance of Regulation 13, 14, 16, 17 and 18 of the IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspections and monitoring.
9. This approval is accorded only for the construction phase of the project.
10. The proponent must obtain separate approval for operation of the project in accordance with the Section 13 (2) (b) and Section 18 of the IEE/EIA Regulations, 2000.
11. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
12. This approval shall be treated as Null and Void, if all or any of the conditions mentioned above is/are not complied with:
13. This approval does not absolve the proponent of the duty to obtain any other approval or clearance that may be required under any law in force.
14. There shall be no legal case pending in the courts against the project.

Handwritten signature and date: 03-09-2021

15. In exercise of the power under Section-13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the "EIA Report of World Income Fertilizer (Pvt.) Ltd. Industrial Estate Hattar, District Haripur" for construction phase of the project with above mentioned terms and conditions.

Dated: Peshawar 6/09/2021

Tracking/File No. EPA/EIA/Fertilizers/World-Income/21/1159-63

 03-09-2021
DIRECTOR GENERAL,
EPA, Khyber Pakhtunkhwa,
3rd Floor, SDU Building,
Khyber Road, Peshawar Cantt.